

Claims:

1. A hydraulic circuit for a hydraulic excavator having a motor drive which acts on at least two closed drive circuits which are connected in parallel, each have a hydraulic pump and a hydraulic motor and which operate on a common output drive, connecting lines being provided between the hydraulic pump and the hydraulic motor of a respective drive circuit, wherein the connecting lines (L11, L12; L21, L22) of each drive circuit (A1, A2) being arranged only between the hydraulic pump (P1, P2) and the hydraulic motor (HM1, HM2) of the respective drive circuit (A1, A2), in such a way that there is no hydraulic connection between the different drive circuits (A1, A2), the respective drive circuit (A1, A2) each having its own control valve (S1, S2) connected to it.

2. A hydraulic circuit for a hydraulic excavator having at least two motor drives, each of which acts on at least two closed drive circuits which are connected in parallel and each has a hydraulic pump and a hydraulic motor, in each case two drive circuits forming a drive circuit group and all the drive circuit groups being connected in parallel and operating on a common output drive, connecting lines being provided between the hydraulic pumps and hydraulic motors of a drive circuit group, wherein the connecting lines (L111, L112; L121, L122; L211, L212; L221, L222) of each

11 drive circuit group (AKG1, AKG2) are arranged only between
12 the hydraulic pumps (P11, P12; P21, P22) and the hydraulic
13 motors (HM11, HM12; HM21, HM22) of the respective drive
14 circuit group (AKG1, AKG2), in such a way that there is no
15 hydraulic connection between the different drive circuit
16 groups (AKG1, AKG2), the respective drive circuit group
17 (AKG1, AKG2) each having its own control valve (S1, S2)
18 connected to it.

1 3. The hydraulic circuit as claimed in claim 2,
2 wherein filters (F11, F12; F21, F22) are in each case
3 arranged in the connecting lines (AL11, AL12; AL21, AL22)
4 between the drive circuits of one (A11, A12; A21, A22) drive
5 circuit group.

1 4. The hydraulic circuit as claimed in claim 2 or 3,
2 wherein each motor drive (M1, M2) acts in each case on only
3 one drive circuit of a respective drive circuit group (AKG1,
4 AKG2).